Applicate Popular

Form PTO 948 (Rev. 8-98)

U.S. DEPARTMENT OF COMMERCE - Palent and Trademark Office Application No. 9/227,6657

# NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

I full-tone set is required. Fig(s)   Crowding when drawing is reduced in size to two-livids in reproduction.   Fig(s)   Photographs not properly mounted (must use brystol board or photographs not properly mounted (must use brystol board or photographs not properly mounted (must use brystol board or photographs not properly mounted (must use brystol board or photographs not properly mounted (must use brystol board or photographs not properly mounted (must use brystol board or photographs not properly mounted (must use brystol board or photographs not properly mounted (must use brystol board or photographs not properly mounted (must use brystol board or photographs not properly mounted (must use brystol board or photographs not properly mounted (must use brystol board or photographs not properly mounted (must use brystol board or photographs not properly mounted (must use brystol board or photographs not properly mounted in size to two-livins in reproduction.   Fig(s)	becomes the right side, except for graphs. Fig(s) PHOTOGRAPHS. 37 CFR 1.84 (b) 1. full-tone set is required. Fig(s) Photographs not properly mounted (must use brystol board or photographs double-weight paper). Fig(s) Four quality (half-tone). Fig(s) Paper not flexible, strong, white, and durable. Fig(s) Ensures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable (too thin). Fig(s) SIZE GP PAPER. 37 CFR 1.84(f). Acceptable sizes: 21.9 cm by 27.9 cm (B1 (2/x L1 inches) All drawing sheets not the same size. Sheet(s) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s)  Margins not acceptable. Fig(s)  Fig(s)  Margins not acceptable size. Fig(s)  Fig(s)  Margins not acceptable fige acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Margins not acceptable. Fig(s)  Fig(s)  Margins not acceptable. Fig(s)  Fig(s)  Margins not acceptable fige acceptable size. Fig(s)  Fig(s)  Margins not acceptable. Fig(s)  Fig(s)  Margins not acceptable fige acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Margins not acceptable. Fig(s)  Fig(s)  Margins not acceptable fige acceptable margins:  Top (T)  Eight (R)  Margins not acceptable fige acceptable size. Fig(s)  Margins not acceptable fige acceptable margins:  Top (T)  Fig(s)  Margins not acceptable fige acceptable margins:  Top (T)  Fig(s)  Margins not acceptable fige acceptable margins:  Top (T)  Fig(s)  Margins not acceptable fige acceptable margins:  Top (T)  Fig(s)  Margins not acceptable fige acceptable fige acceptable fige acceptable fige acceptable margins:  Top (T)  Fig(s)  Margins not acceptable fige acce	Prencil and non black ink not permitted. Fig(s)  Pencil and non black ink not permitted. Fig(s)  Pencil and non black ink not permitted. Fig(s)  Pencil and non black ink not permitted. Fig(s)  Photographs not properly mounted (must use brystol board or phutographs double-weight paper). Fig(s)  Proor quality (half-tone). Fig(s)  Proor quality (half-tone). Fig(s)  Proor quality (half-tone). Fig(s)  Proor quality (half-tone). Fig(s)  Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Pig(s)  Mylar, velum paper is not acceptable (too thin). Fig(s)  SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes:  21.0 cm by 27.0 cm (DIN size A4)  21.6 cm by 27.0 cm (DIN size A4)  All drawing sheets not the same size.  Sheet(s)  Drawings sheets not an acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top (7)  Left(L)  Top (7)  Left(L)  RemINDER: Specification may require revision to correspond to drawing changes.  Parial views. 37 CFR 1.84(h)(2)  Brackets needd to show figure as one cnity.	becomes the right side, except for graphs. Fig(s)  Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds i reproduction.  Fig(s)  CHARACTER OF LINES, NUMBERS, & LETTERS.  37 CFB 1.84(i)  Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality).  Fig(s)  Solid black areas pale. Fig(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)  Fig(s)  English alphabet not used. 37 CFR 1.84(p)(2)  Figs  Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
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Fig(s)  Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable (too thin).  Fig(s)  Mylar, velum paper is not acceptable (too thin).  Fig(s)  21.0 cm by 27.0 cm (8 1/2 x 11 inches)  All drawing sheets not the same size.  Sheet(s)  Drawings sheets not an acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Right (R)  Bottom (B)  VIEWS. 37 CFR 1.84(h)  Brackets needed to show figure as one entity.  Fig(s)  Brackets needed to show figure as one entity.  Fig(s)  Erasures, alterations, overwritings, interlineations, foliated acceptable. Fig(s)  SIZE A4 Size  Top 2.5 cm Left (2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top (T)  Right (R)  Bottom (B)  VIEWS. 37 CFR 1.84(h)  Brackets needed to show figure as one entity.  Fig(s)  Brackets needed to show figure as one entity.  Fig(s)  Erasured view not labeled separately or properly.  Fig(s)  Ealarged view not labeled separately or properly.  Fig(s)  Sectional designation should be noted with Arabic or  defined, clean, durable, and black (poor line quality).  Fig(s)  Solid black shading not labeled separately for line displace.  Solid black shading not permitted. Fig(s)  Solid black shading not used for	Fig(s) Erasures, alterations, overwritings, interlineations, földs, copy machine marks not acceptable. Fig(s)  Mylar, velum paper is not acceptable (too thin).  Fig(s)  SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes:  21.6 cm by 27.9 cm (B 1/2 x 11 inches)  All drawing sheets not the same size.  Sheet(s)  Drawings sheets not the same size.  Sheet(s)  Drawings sheets not acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g). Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Views. 37 CFR 1.84(g). Bottom (B)  Views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Ealarged view not labeled separately or properly.  Fig(s)  Sectional designation should be noted with Arabic or  Roman numbers. Fig(s)  Size is already acceptable or sectional portions of an object.  Fig(s)  Size is already or properly.  Fig(s)  Corrections not made from prior PTO-048  dated  defined clean, durable (poor line quality).  Fig(s)  Solid black areas pale. Fig(s)  Solid black areas pale. Fig(s)  Solid black ashading not used for color contrast.  Solid black ashading not used for color contrast.  Fig(s)  Numbers and reference characters not plain and legible.  Fig(s)  Fig(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(2)  Fig(s)  Size is 4 Size.  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3)  Fig(s)  13. LEAD LINES. 37 CFR 1.84(p)(3)  Lead lines cross each other. Fig(s)  Lead lines cross each other. Fig(s)  Lead lines cross each other. Fig(s)  Numbers not of Pieters.  13. Views not labeled separately or properly.  Fig(s)  Views not labeled separately or properly.  Fig(s)  Corrections not made from prior PTO-048  dated  17. DESIGN DRAWINGS. 37 CFR 1.85()  Solid black ashading not used for color contrast.  Fig(s)	Fig(s)  Erasures, Alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s)  Mylar, velum paper is not acceptable (foo thin). Fig(s)  SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes:  21.6 cm by 27.9 cm (B 1/2 x 11 inches)  All drawing sheets not the same size. Sheet(s)  Drawings sheets not an acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: B 1/2 x 11  Margins not seceptable, Fig(s)  Left (L)  Right (R)  Bottom (B)  VIEWS. 37 CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes.  Parial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.	defined, clean, durable, and black (poor line quality).  Fig(s) 4 5 4 7 4 7 5  SHADING: 37 CFR 1.84(m)  Solid black shading not permitted. Fig(s)  Solid black shading not permitted. Fig(s)  Solid black shading not permitted. Fig(s)  WIMBERS, LETTERS, & REFERENCE CHARACTERS.  17 CFR 1.84(p)  Numbers and reference characters not plain and legible.  Fig(s)  Figure legends are poor. Fig(s)  Fig(s)  Longlish alphabet not used. 37 CFR 1.84(p)(2)  Figs  Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(n)(3)
folds, copy machine marks not acceptable (too thin).  Mylar, velum paper is not acceptable (too thin).  Fig(s)  SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes:  21.6 cm by 27.9 cm (B1/2 x 11 inches)  All drawing sheets not the same size.  Sheet(s)  Drawings sheets not an acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A 45 size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A 15 z 11  Margins not acceptable. Fig(s)  Left (L)  Right (R)  Bottom (B)  VIEWS. 37 CFR 1.84(h)  Brackets needed to show figure as one entity.  Fig(s)  Brackets needed to show figure as one entity.  Fig(s)  Brackets needed to show figure as one entity.  Fig(s)  Enalized view not labeled separately or properly.  Fig(s)  Sectional designation should be noted with Arabic or  Source shading shown not appropriate. Fig(s)  Sectional designation should be noted with Arabic or	folds, copy machine marks not acceptable (too thin).  Mylax, velum paper is not acceptable (too thin).  Fig(s)  SIZE OF PAPER. 37 CFR 1.84(n). Acceptable sizes:  21.0 cm by 29.7 cm (DIN size A4)  21.6 cm by 29.7 cm (DIN size A4)  21.6 cm by 27.9 cm (B 1/2 x 11 inches)  All drawing sheets not an acceptable size. Fig(s)  Drawings sheets not an acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: B 1/2 x 11  Margins not acceptable. Fig(s)  VIEWS. 37 CFR 1.84(p):  Brackets needed to show figure as one entity.  Fig(s)  Views not labeled separately or property.  Fig(s)  Lead lines missing. Fig(s)  Lead lines missing. Fig(s)  15. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(u)  Views not labeled separately or property.  Fig(s)  Sectional designation should be noted with Arabic or  Roman numbers. Fig(s)  Size is designation should be noted with Arabic or  Roman numbers. Fig(s)	folds, copy machine marks not accepted. Fig(s)  Mylar, velum paper is not acceptable (too thin).  Fig(s)  SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes:  21.0 cm by 29.7 cm (DIN size A4)  21.6 cm by 29.7 cm (DIN size A4)  21.6 cm by 29.7 cm (DIN size A4)  21.6 cm by 27.9 cm (8 1/2 x 14 inches)  All drawing sheets not the same size.  Sheet(s)  Drawings sheets not an acceptable size. Fig(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 1/2 x 11  SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Left(L)  Right (R)  SIZE: B (SIZE)  Top (T)  Left(L)  Right (R)  Bottom (B)  VIEWS. 37 CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes.  14. Paraial views. 37 CFR 1.84(h)(2)  Paraial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.	SHADING. 37 CFR 1.84(m)  Solid black areas pale. Fig(s)  Solid black shading not permitted. Fig(s)  Solid black shading not permitted. Fig(s)  NUMBERS, LETTERS, & REFERENCE CHARACTERS.  17 CFR 1.84(p)  Numbers and reference characters not plain and legible.  Fig(s)  Figure legends are poor. Fig(s)  Sumbers, letters and reference characters must be at least.  32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
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21.6 cm by 27 cm (DIN size A4)  21.6 cm by 29 7 cm (BIN size A4)  21.6 cm by 29 7 cm (BIN size A4)  21.6 cm by 29 7 cm (BIN size A4)  21.6 cm by 29 7 cm (BIN size A4)  21.6 cm by 29 7 cm (BIN size A4)  21.6 cm by 29 7 cm (BIN size A4)  21.6 cm by 29 7 cm (BIN size A4)  21.6 cm by 29 7 cm (BIN size A4)  21.6 cm by 29 7 cm (BIN size A4)  21.6 cm by 29 7 cm (BIN size A4)  21.6 cm by 29 7 cm (BIN size A4)  21.6 cm by 29 7 cm (BIN size A4)  21.6 cm by 29 7 cm (BIN size A4)  22. NUMBERS, LETTERS, & REFERENCE CHARACTERS.  37 CFR L84(g):  23. Numbers and reference characters not plain and legible.  24. Figgs  25. Figgs   Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)  25. Fig(s)  25. Cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  25. English alphabe not used. 37 CFR 1.84(p)(2)  25. Fig(s)  25. Numbers, letters and reference characters must be at least 1.2 cm (1/Bin ch) in height. 37 CFR 1.84(p)(3)  25. Fig(s)  26. Lead Lines. 37 CFR 1.84(q)  26. 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Lead Lines. 37 CFR 1.84(p)(3)  40. Lead Lines. 37 CFR 1.84(p)(3)  41.	21.6 cm by 27 cm (DIN size A4) 21.6 cm by 27.6 cm (BI /2x t1 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size  Top 2.5 cm Left 2.3 cm Right 1.5 cm Bottom 1.0 cm SIZE: B 1/2x t1  Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(b) Brackets needed to show figure as one entity. Fig(s) Brackets needed to show figure as one entity. Fig(s) Harding not indicated for sectional portions of an object. Fig(s) Hatching not indicated for sectional portions of an object. Roman numbers. 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DATES 12-99 TELEPHONE NO. 703 305 OSPSC 

## INFORMATION ON HOW TO EFFECT DRAWING CHANGES

#### 1. Correction of Informalities -- 37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Processing Branch.

### 2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon a possible.

Failure to take corrective action within set (or extended) period will result in ABANDONMENT of the Application.

## 3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.